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L4: Entry 4 of 17

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DERWENT-ACC-NO: 1994-339943

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TITLE: Controlling the varroatosis of bees - using 2(6,7-di:methoxy- 2,2-di:methyl chromene) in sugar syrup

INVENTOR: ILLARIONOV, E F; POLIVANOVA, E N ; TRISELEVA, T A

PRIORITY-DATA: 1989SU-4735496 (July 3, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>SU 1821112 A1</u>	June 15, 1993		003	A01K051/00

INT-CL (IPC): A01K 51/00

ABSTRACTED-PUB-NO: SU 1821112A

BASIC-ABSTRACT:

Ectoparasitic ticks Varroa Jacobsoni are prevented from attacking bees by using 2 (6,7-dimethoxy-2,2-dimethylchromene (I) as systemic selective preparate.

(I) inhibits the synthesis of juvenile hormone thus upsetting the reproductive cycle of Varroa ticks, and is used in a dose of 0.5-1 microg/bee in sugar syrup, given once per season.

ADVANTAGE - The consumption of (I) is reduced by 10 times and the method is ecologically clean.